

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. - 16. (Canceled)

17. (Currently Amended) A wireless dual use user equipment (UE) capable of operating in a cordless and cellular environment, the dual use user equipment comprising:

a modulation and demodulation device for modulating/demodulating data using a plurality of modulation/demodulation schemes, the plurality of modulation/demodulation schemes comprise a cordless scheme for communicating with a sub base and a cellular scheme for communicating with a base station;

a modulation and demodulation controller for switching the modulation/demodulation scheme of the modulation/demodulation device between the cordless scheme and the cellular scheme such that a transition between said cordless and cellular schemes is transparent to a user sending or receiving a communication signal from said dual use UE; the modulation and demodulation controller initiating operation in the cellular environment by sending a handoff signal to a sub base responsive to a determination that said UE is leaving a cordless

environment and switching to the cellular scheme; whereby the sub base in response to the sent handoff signal ceases communications with a cellular base station and whereby ~~the UE~~ in response to the ceased communications between the sub base and the cellular base station, ~~begins communicating~~ the modulation and demodulation controller of the UE switches the modulation/demodulation scheme of the UE from the cordless scheme to the cellular scheme, thereby initiating communication of the UE directly with the cellular base station.

18. - 20. (Canceled).

21. (Original) The dual use UE of claim 17 wherein the dual use UE determines it is leaving the cordless environment by measuring a received signal strength of a sub base transmission.

22. (Previously Presented) The dual use UE of claim 21 wherein the modulation and demodulation controller switches to the cellular environment when said signal strength is below a predetermined threshold.

23. (Previously Presented) The dual use UE of claim 17 wherein the dual use UE determines it is entering the cordless environment by detecting a sub base

Applicant: J. Thomas O'Brien
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pilot signal.

24. (Previously Presented) The dual use UE of claim 23 wherein the dual use UE, upon detecting the sub base pilot signal, sends a handoff signal to the sub base; whereby the sub base commences communicating to the cellular network and the dual use UE begins communicating with the sub base.